

FIG. 1

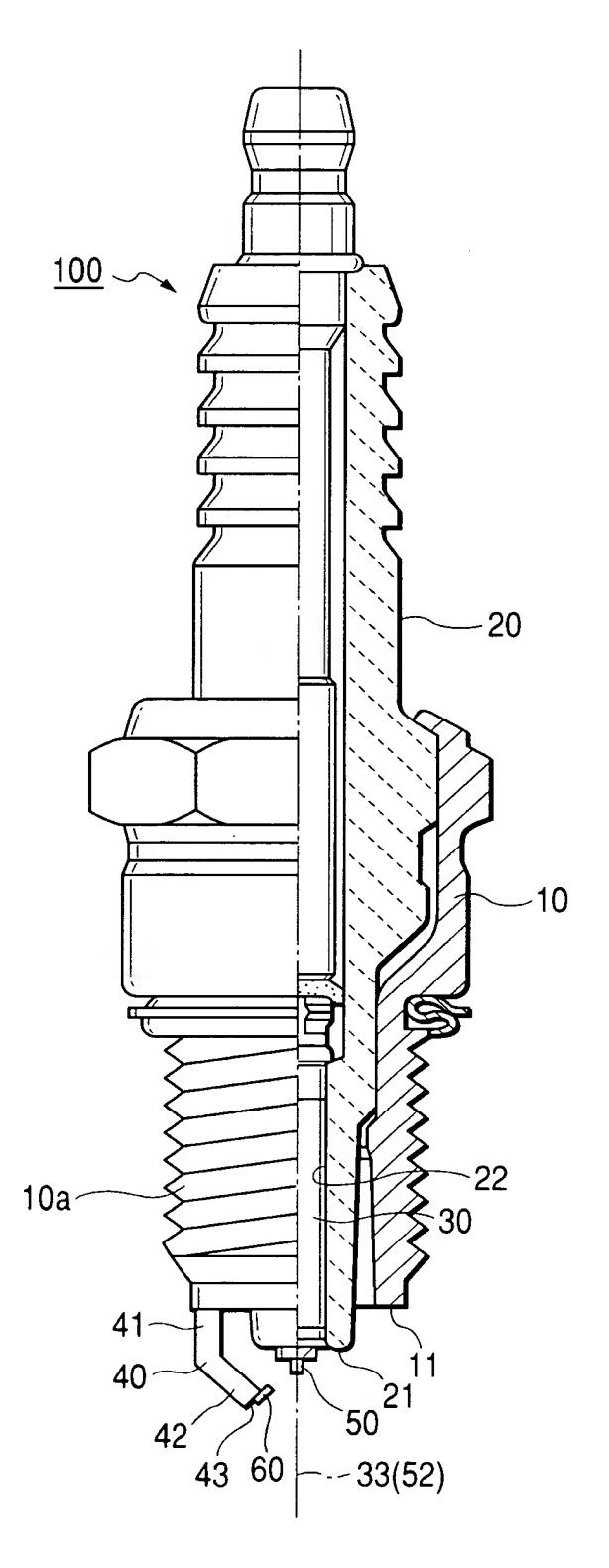
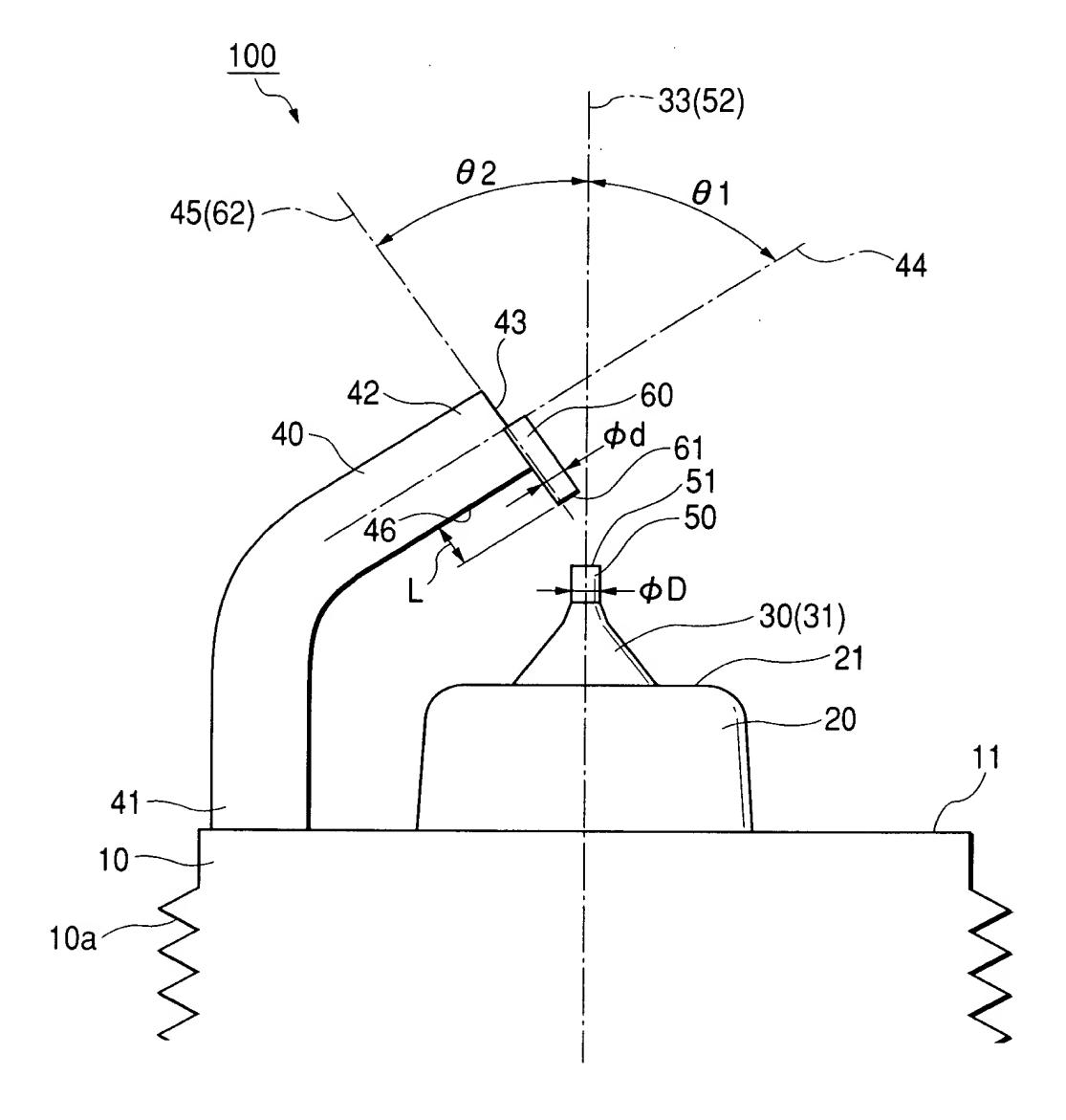
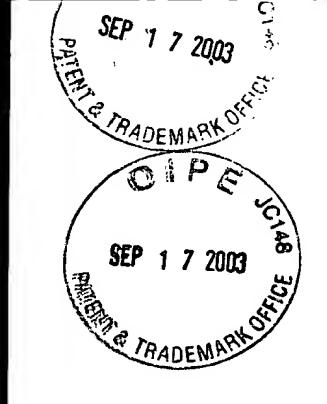




FIG. 2







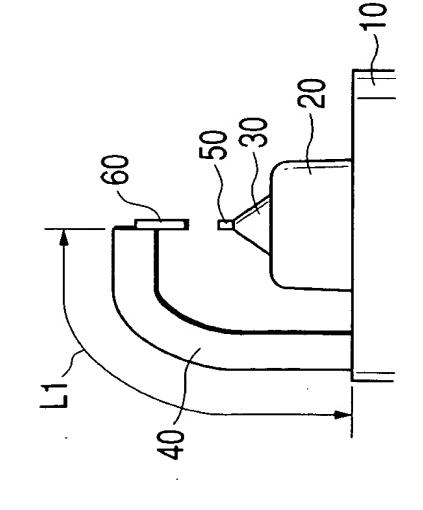


FIG. 3B

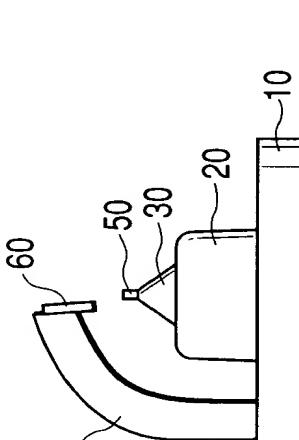
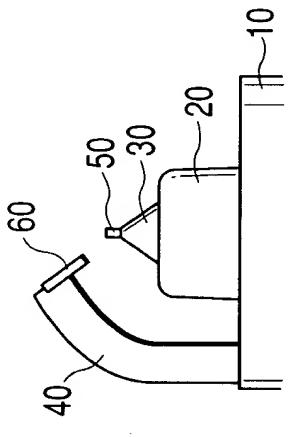
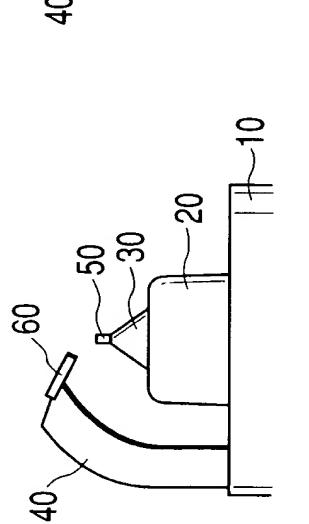


FIG. 3C



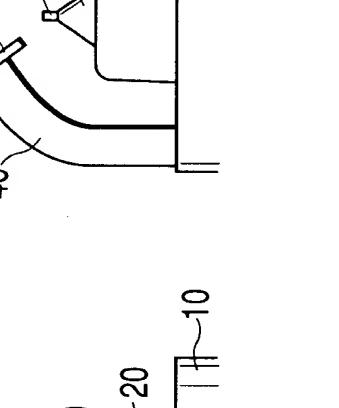
60

FIG. 3D



-20

50



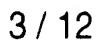




FIG. 4.

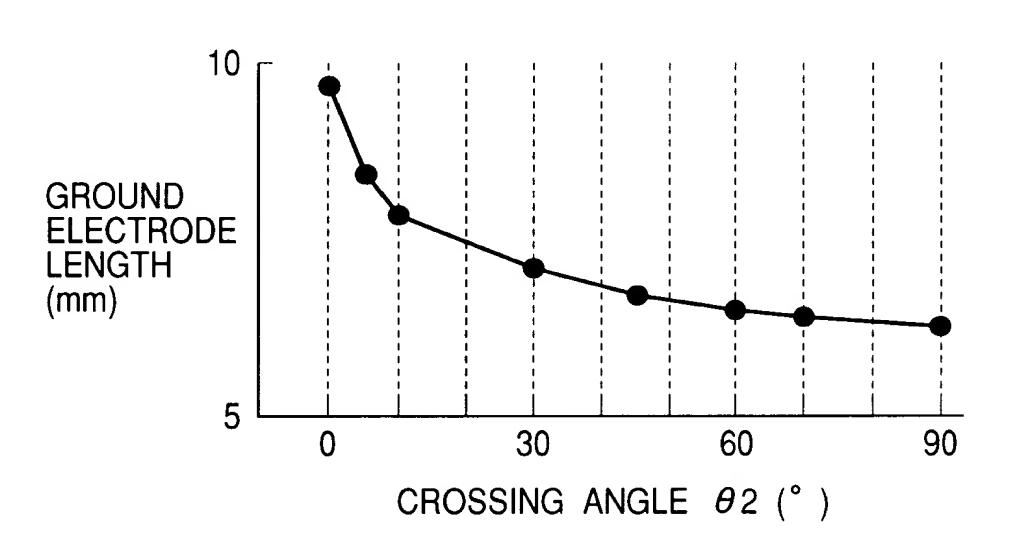


FIG. 5

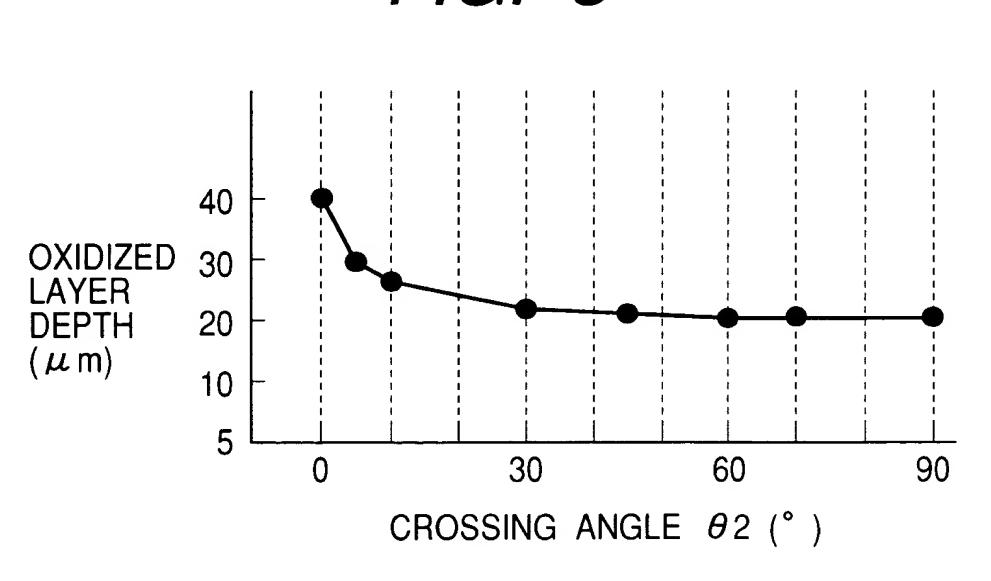




FIG. 6

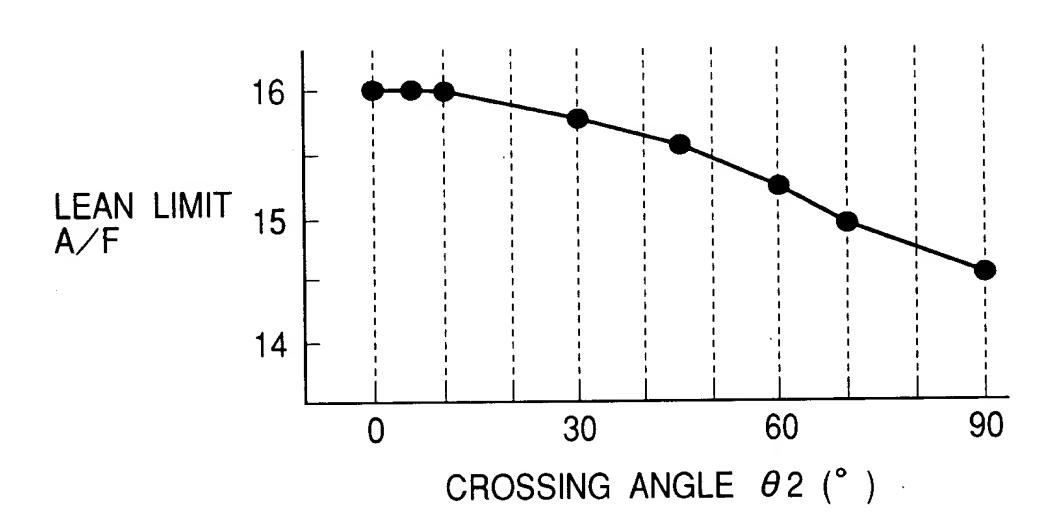
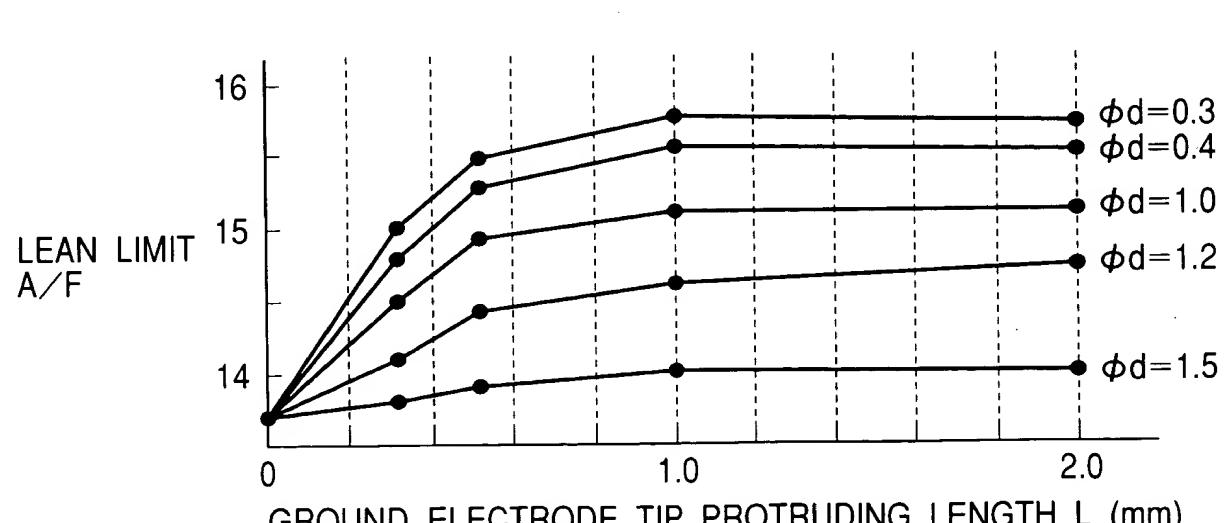


FIG. 7



GROUND ELECTRODE TIP PROTRUDING LENGTH L (mm)

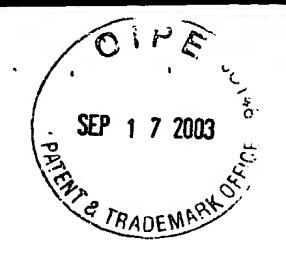


FIG. 8

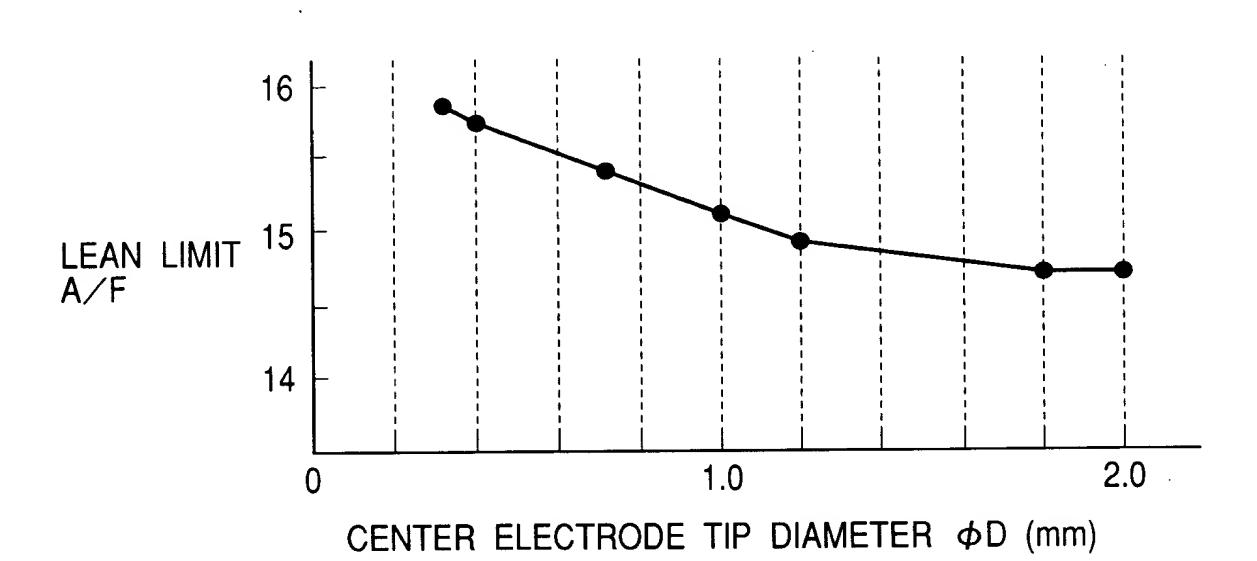
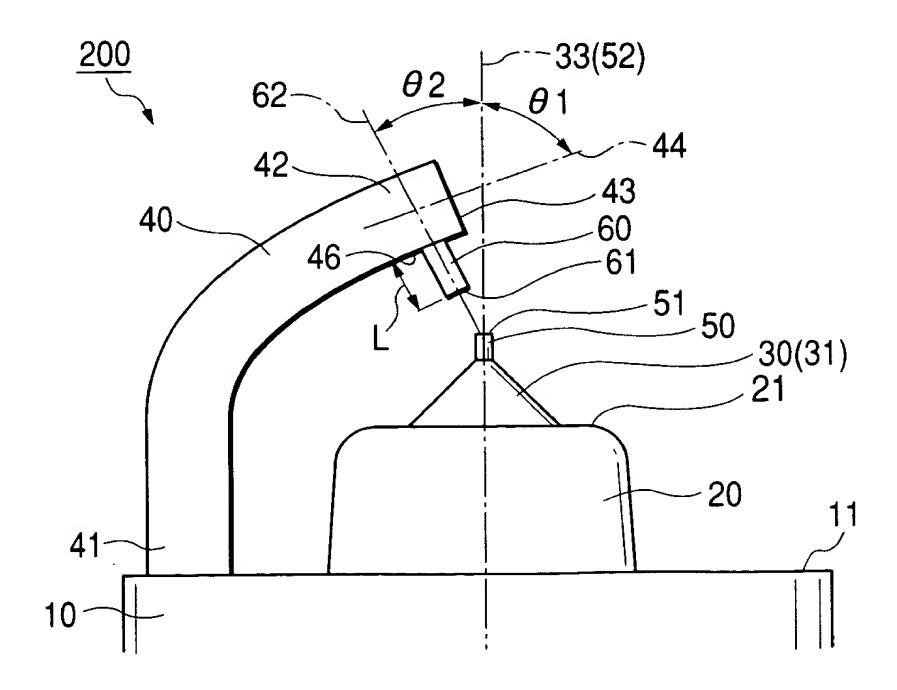


FIG. 9





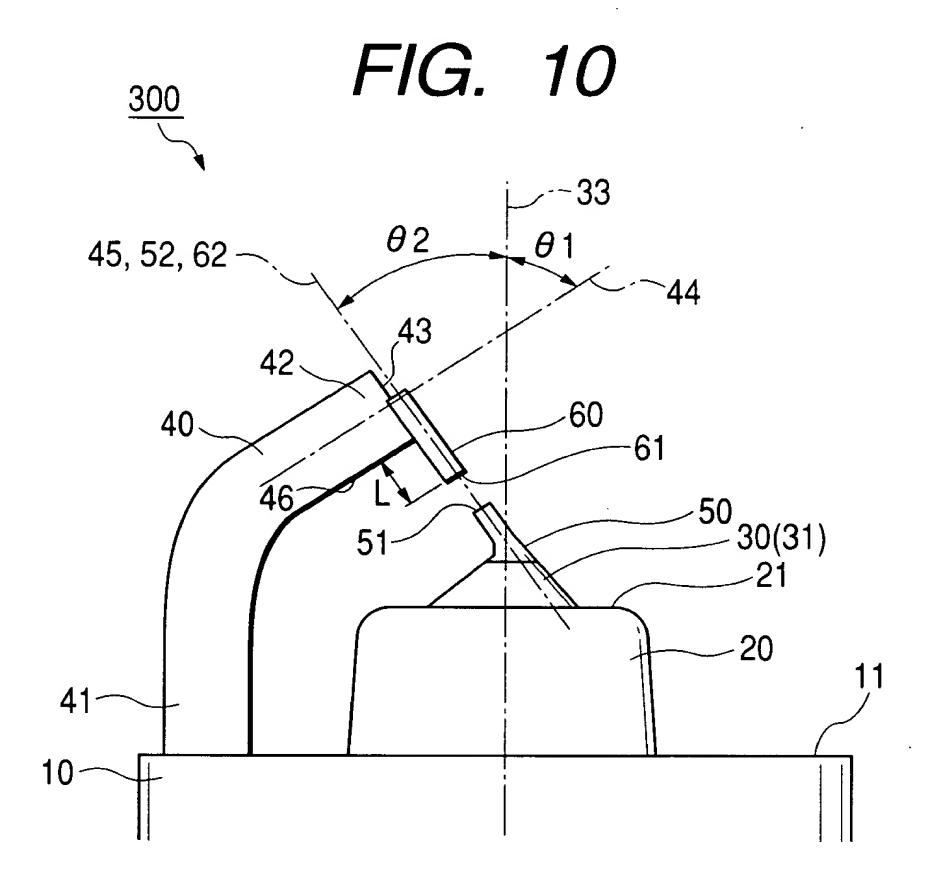


FIG. 11



## FIG. 12

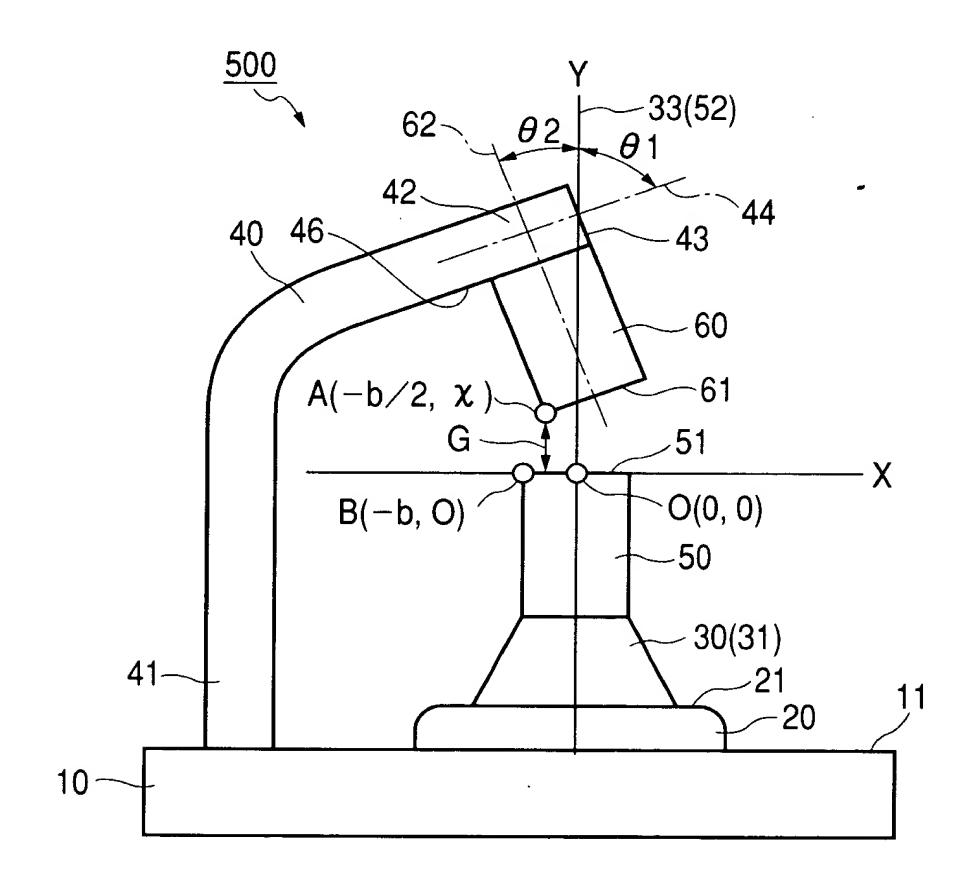




FIG. 13A

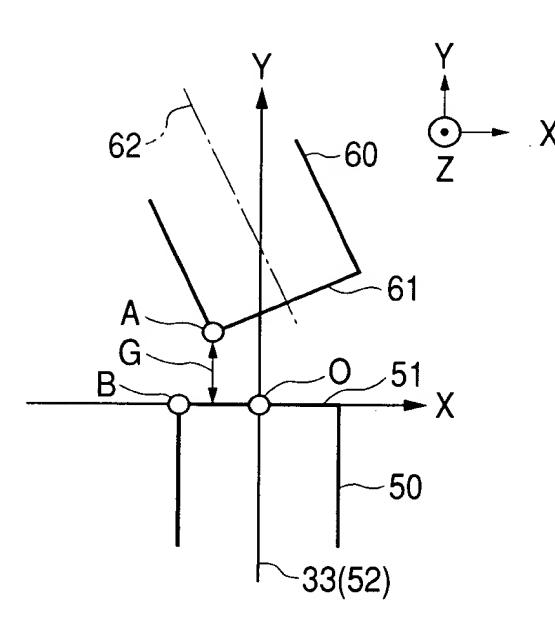


FIG. 13B

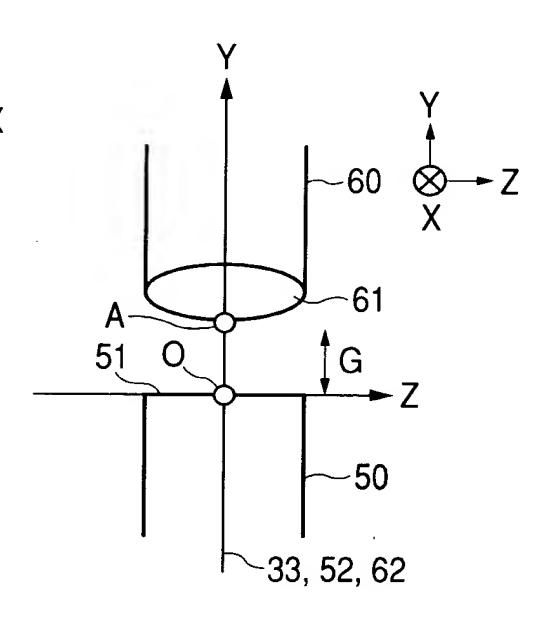


FIG. 13C

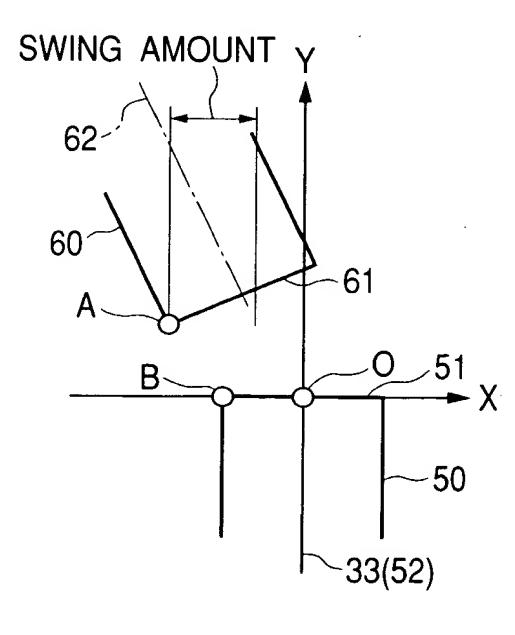


FIG. 13D

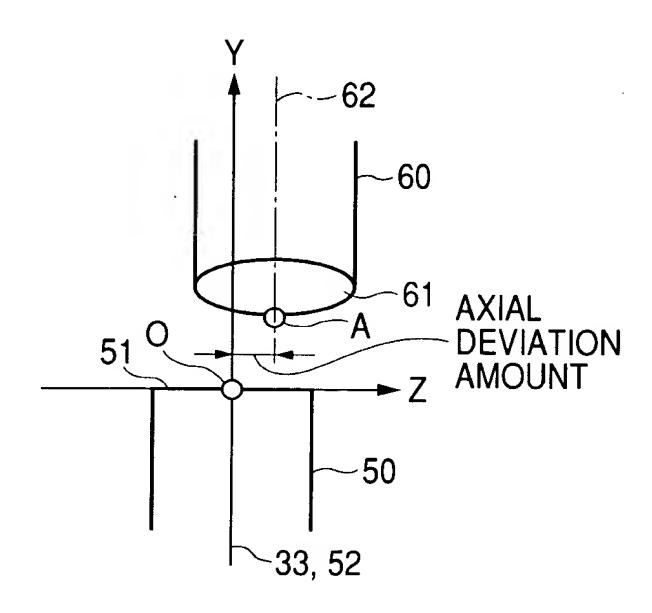
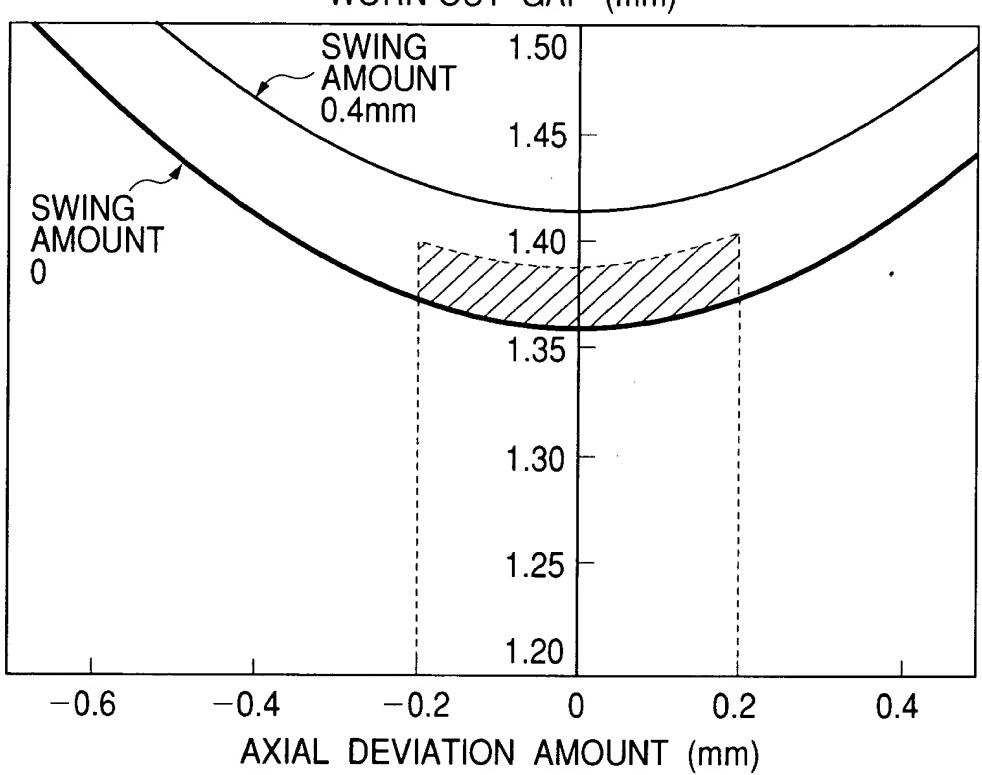




FIG. 14

WORN-OUT GAP (mm)



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42

43

60

FIG. 15A

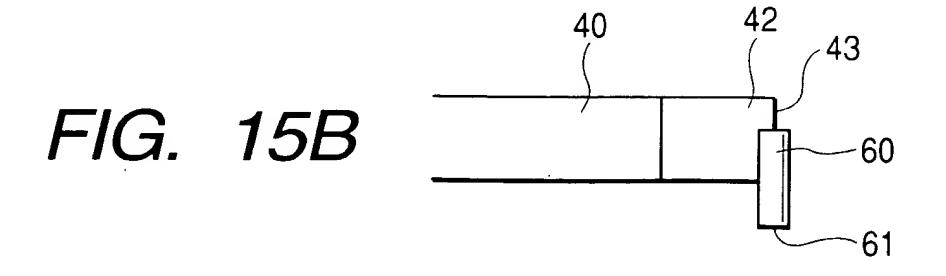




FIG. 16

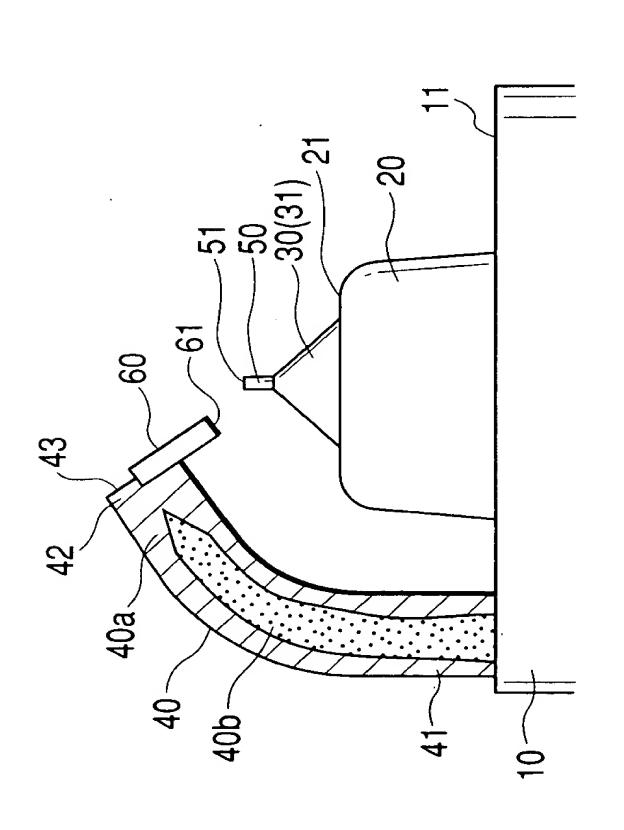


FIG. 17

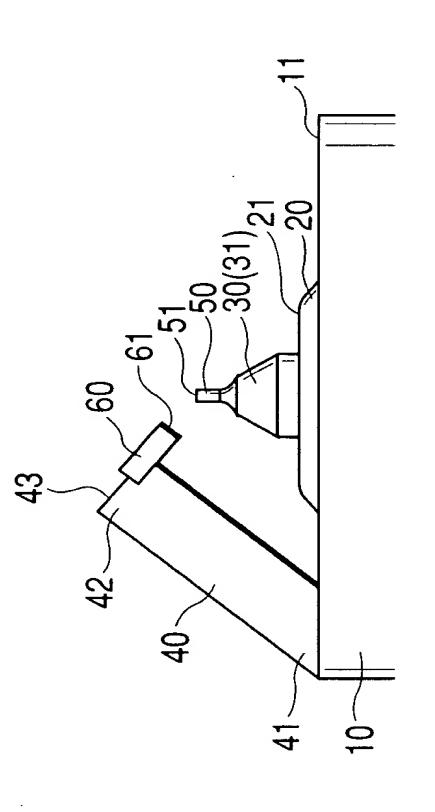
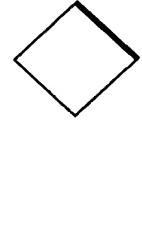
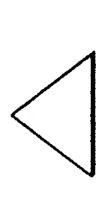
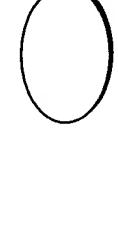


FIG. 18E FIG. 18D 18C FIG. 18B FIG. 18A



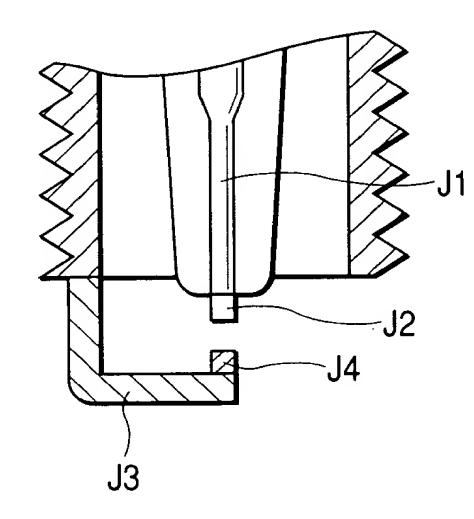








## FIG. 19A PRIOR ART



## FIG. 19B PRIOR ART

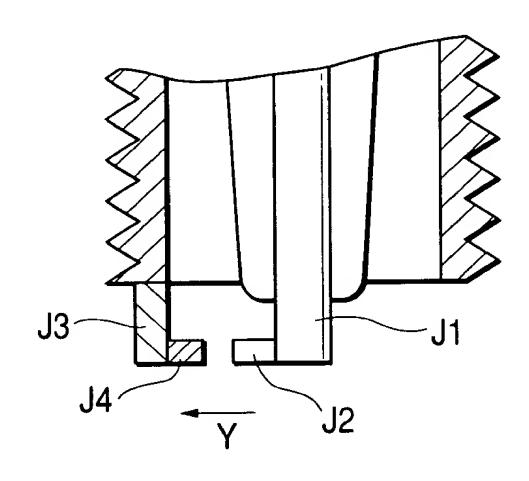


FIG. 20 PRIOR ART

